



Epoxy.com Product #1

100% Solids Hi-Build Epoxy Coating

GENERAL DESCRIPTION

Product #1 a two component, 100% solids epoxy Hi-Build epoxy coating used for high foot traffic and light to moderate forklift traffic areas where abrasion resistance is required; for protection against mild corrosion and as a decorative waterproof coating for walls, floors, tanks, etc. It can be broadcast with appropriate silica sand (contact Epoxy.com Technical Support for a recommendation), to create a thicker flooring system in high abrasion situations.

ADVANTAGES

*Moisture Insensitive
Ceramic like finish
Sprayable Solvent
Free Waterproof
Extremely Durable
Chemical Resistant*

SURFACE PREPARATION

Surface must be clean and sound. Remove all dirt, laitance, grease curing compounds and other foreign matter by sandblasting, or mechanical abrasion. Remove water and dust from all surfaces with an oil free blast immediately prior to application. See Epoxy.com Surface Preparation Guide for more details.

MIXING INSTRUCTIONS

Temperature of Epoxy.com Product #1 must be 50 degrees F or above at time of mixing. Stir each component separately before blending. Mix two parts by volume of Part A with one part by volume of Part B for three minutes with a low speed electric drill motor equipped with a mixing paddle.

APPLICATION

Over Concrete surfaces Epoxy.com Product #899 Primer is recommended. Then apply Product #1 with a roller, brush, or spray equipment. Two coats are recommended. Thickness per coat should be 7-10 mils. Seven days cure time is required to reach maximum chemical resistance. For more information before installing please see installation tips at <https://www.epoxy.com/install.htm>.

LIMITATIONS

DO NOT apply at temperatures below 40 degrees F. Surface must be dry.

SAFETY PRECAUTIONS

Prolonged or repeated exposure may cause eye and skin irritation. If contact occurs, wash immediately and seek medical help. Use safety glasses with side shields and wear protective rubber gloves.

CLEANING

All tools and equipment should be cleaned before the system gels. Use MEK, Acetone, or any lacquer solvent

APPLICATION PROPERTIES @77 DEGREES F	
Mix Ratio	2:1 By Volume
Viscosity (mixed)	950 CPS
Pot Life (200 gr.) in minutes @70 Degrees F.	30-40 (normal cure)
Set Time in Hours @ 70 Degrees F.	10-12 (normal cure)
Initial Cure	24 Hours
Final Cure	5 Days
Packaging Unit Size	3 gal. 15 gal.
Standard Colors	See Color Chart
Typical Coefficient of Friction-Rubber Shoe Surface with Epoxy.com Product # 50 Anti-skid Fine Non-Skid Added	ASTM F-489
Static Friction w/ Saltwater Solutions on surface	0.90-0.97
Static Friction w/ oil on Surface	0.72-0.75
Sliding Friction w/ Saltwater Solution on Surface	0.87-.090

**FOR INDUSTRIAL USE ONLY
KEEP AWAY FROM CHILDREN**

For more information please contact:

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For the latest version of this document please see www.epoxy.com/1.aspx

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